

PUBLIC NOTICE

PERMIT APPLICATION: NRS07.409

APPLICANT: Town of Decatur
P. O. Box 188
Decatur, Tennessee 37322-0188
423-334-5716

LOCATION: Decatur Branch, Decatur Creek and tributaries in the Town of Decatur in Meigs County

WATERSHED DESCRIPTION: Stream segment ID is TN06020001038_1000 within the Tennessee River watershed, 06020001_2011. Decatur Creek and its tributaries are designated for the following classified uses: fish and aquatic life, recreation, irrigation, livestock watering and wildlife. Decatur Creek and its tributaries have not been assessed for use support.

PROJECT DESCRIPTION: The proposed project, State Route 30 Sewer Line Extensions, would provide sanitary sewer service to several areas of the Town of Decatur which is without sewers and is experiencing septic tank difficulties. At present, those residents and businesses in the State Route 30 Area that would be served by the proposed project are currently using septic tanks.

The sewer lines to be installed would, with the exception of two locations, be buried underneath the existing stream bed. At the two locations in which the sewer lines would not be buried, the pipe would bridge the creek. In both instances, reinforced concrete piers would be installed in the stream bank to support the sewer line, which would span the stream bed. In each crossing location that would be buried, approximately 50 cubic yards of excavation would be performed. Each of the buried crossing locations would be returned to as close to its original configuration as possible. Flowable fill would be utilized to backfill the sewer line trench for each buried stream crossing in which a rock bottom is encountered. For these crossings where earth is encountered, natural materials would be used to backfill the sewer line trench and rip-rap would be placed in the stream bed to prevent the sewer line trench from washing out.

Each crossing would be made through the installation of a clean rock check dam upstream of the crossing location to perform the work in the dry. A pump around system or diversion of water around approximately one-half of the stream while the sewer line is installed would be utilized. The contractor would "flip" the check dam upon completion of the initial one-half of the crossing, complete remainder of the crossing, install the flowable fill, and complete the construction with the removal of the check dam. In those stream crossings in which a rock stream bed is encountered, natural material and rip-rap would be used in those stream crossings in which an earthen stream bed is encountered.

Other alternatives include the installation individual grinder pump units or septic tank effluent pump units to serve the proposed customers, or do nothing. The applicant concludes that the best long-term solution is to construct the sewer lines to serve the affected area.

The proposed project would cross the following streams as reported by the applicant:

Decatur Branch Crossing No. 1 latitude 35.5101, longitude 84.7967. The crossing has trees (less than four inches in diameter) and grass cover on the eastern and western banks of the stream. The crossing is approximately 33 feet wide and has a rock stream bottom (See attached photo-graphs of the proposed crossing location.).

Decatur Branch Crossing No. 2 The proposed crossing is an aerial crossing at latitude 35.5130, longitude 84.7937. Support piers for the aerial crossing would be installed in the banks of the stream.

Unnamed Tributary of Decatur Branch Crossing No. 1 latitude 35.5109, longitude 84.7963. The crossing has trees (less than four inches in diameter) on the south bank and grass cover on the north bank of the stream. The crossing is approximately 15 feet wide and has a rock stream bottom.

Unnamed Tributary of Decatur Branch Crossing No. 2 latitude 35.5125, longitude 84.7977. The crossing has grass cover on the east and west stream banks. The crossing is approximately 45 feet wide and has a rock and rip-rap stream bottom.

Unnamed Tributary of Decatur Branch Crossing No. 3 latitude 35.5130, longitude 84.7975. The crossing has grass cover on the east and west stream banks. The crossing is approximately 50 feet wide and has a rock and rip-rap stream bottom.

Unnamed Tributary of Decatur Branch Crossing No. 4 latitude 35.5146, longitude 84.7969. The crossing has grass cover on the east and west stream banks. The crossing is approximately 35 feet wide and has a rock and rip-rap stream bottom (See attached photographs of the proposed crossing location.).

Decatur Creek Crossing The proposed crossing is an aerial crossing at latitude 35.5129, longitude 84.7845. The crossing has trees (less than four inches in diameter) and grass cover on the south stream bank and grass cover on the north stream bank. Support piers for the aerial crossing would be installed in the stream banks.

Unnamed Tributary of Decatur Creek Crossing No. 1 latitude 35.5127, longitude 84.7877. The crossing has grass cover on the east and west stream banks and trees (less than four inches in diameter) on the west stream bank. The crossing is approximately 35 feet wide and has a rock and rip-rap stream bottom.

Unnamed Tributary of Decatur Creek Crossing No. 2 latitude 35.5133, longitude 84.7873. The crossing has trees (less than four inches in diameter) and grass cover on the east and west stream banks. The crossing is approximately 15 feet wide and has an earthen stream bottom.

Unnamed Tributary of Decatur Creek Crossing No. 3 latitude of 35.5144, longitude 84.7872. The crossing has grass cover on the east and west stream banks. The crossing is approximately 20 feet wide and has an earthen stream bottom.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity would not result in degradation to water quality.

PERMIT COORDINATOR: Robert Baker

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments would become part of the record and would be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department would hold a public hearing.

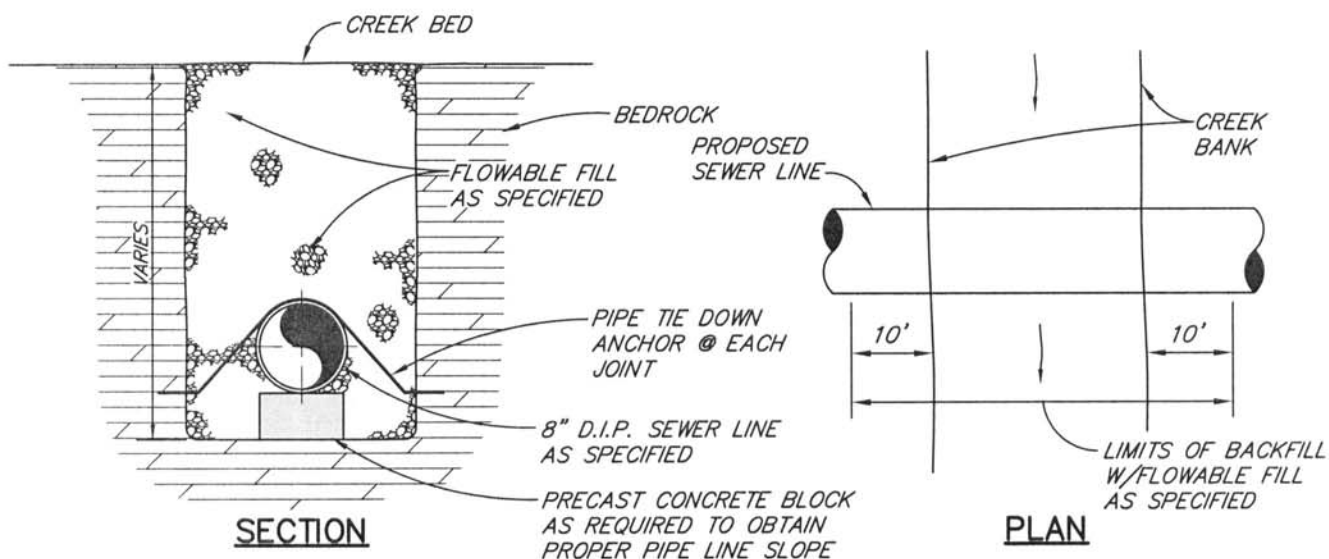
The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department would consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination would be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

A copy of the typical crossing detail is attached along with a key map of the entire sewer project. This key map can be magnified to much greater detail using the software's view zoom tools when viewing the electronic version of the notice on the internet at:

<http://www.state.tn.us/environment/wpc/ppo/arap>.



NOTES:

1. SEWER LINE SHALL NOT BE LAID ON CRUSHED STONE BEDDING. SEWER LINE SHALL NOT BE BACKFILLED WITH CRUSHED STONE IN ROCK STREAM BED THAT IS EXCAVATED.
2. FLOWABLE FILL TO BE UTILIZED UNDER, AROUND AND ON TOP OF SEWER LINE AS INDICATED.
3. FLOWABLE FILL SHALL BE GENERAL USE FLOWABLE FILL CONFORMING TO TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED MARCH 1, 2006 SECTION 204.06 FOR CONTROLLED LOW-STRENGTH MATERIAL.
4. THE PIPE TIE DOWN ANCHOR SHALL BE 316 STAINLESS STEEL.

TYPICAL ROCK CREEK CROSSING

